Andrew Mitchell

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Technical Skills

Strong:
> JavaScript, ES6, React, Redux, Node, Express, Webpack, Babel, HTML5, CSS3, Bootstrap, MySQL, MongoDB, PostgreSQL, AWS, Git

Experienced:
> AngularJS, jQuery, Mocha, Chai, Heroku, Bash, Python, SQLite, Bookshelf, Knex, D3

Software Applications

Thesis | Full Stack Software Engineer | technologies
Description
- One
- Two
- Three

STUD(y) | Full Stack Software Engineer | React, Express, Node, MySQL, AWS
Web application to locate and review study locations – study.andrewmitchell.io | STUD(y) on GitHub
- Constructed a clean intuitive UI/UX for a news feed feature with React and CSS to keep users up to date on recent study location reviews
- Leveraged Node and Express to implement RESTful APIs that communicate with the MySQL database
- Architected server route testing suite with Mocha and Chai for unit testing
- Deployed the web server to an AWS EC2 and the database to an AWS RDS instance to allow public access to the application

FlixMix | Full Stack Software Engineer | React, Express, Node, MySQL, AWS
A movie playlist creation and sharing platform – flixmix.andrewmitchell.io | FlixMix on GitHub
- Implemented over a dozen RESTful API routes with Node and Express to communicate with the YouTube API and MySQL
- Built a modularized React component to display user generated playlists
- Designed relational schema to store information such as user data, playlists, watched movies, and comments

filter:Highlights | Full Stack Software Engineer | React, Express, Node, PostgreSQL, AWS
View all the best recent sports highlights in one ad-free location – highlights.andrewmitchell.io | filter:Highlights on GitHub
- Created a React front end to embed highlight videos and manage the user experience
- Utilized Express and Node for application logic such as communicating with third party APIs and PostgreSQL
- Deployed the application to an AWS EC2 instance and the database to an AWS RDS instance to expose the application to public use

Baseball's Statistical Eras | Full Stack Software Engineer | React, Express, Node, MongoDB, Heroku
A web application to analyze the prevalence of different baseball statistical eras on Twitter – LINK TBD
- Designed an interactive React front end guide the user with an intuitive experience
- Built server routes to communicate with the Twitter search API and handle the logic of interacting with MongoDB
- Utilized D3 to display the analysis of the Twitter data in a clear and concise manor

Related Experience

Asurion   2015 – 2018
Technical Project Manager
- Led the implementation of more than two dozen products across channels such as Web, SMS, IVR, and Contact Center utilizing agile
- Managed the migration of legacy technology from an on-premise data center to the AWS cloud for an application with more than 40,000 annual customers
- Guided the implementation of enhancements to a client's legacy technology stack that led to over one million dollars in annual cost savings
- Coordinated the day to day operations for a development team of 13

Education

Hack Reactor | Advanced Software Engineering Immersive   2018
American University | B.A. | Political Science, Minor in Economics   2014

Other

Certifications
- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- Certified Scrum Master